

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	76	(175/51).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:42
L2	224	(175/26).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40
L3	241	(175/27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40
L4	262	(175/76).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40
L5	93	(175/95).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40
L6	89	(175/97).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40
L7	471	(405/138).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40
L8	78	(299/1.3).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40
L9	567	(299/31).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40
L10	241	(299/58).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:40

## EAST Search History

L11	2152	L1 L2 L3 L4 L5 L6 L7 L8 L9 L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 18:40
L12	426	(175/58).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 18:42
L13	0	(feet and (burrow drill) and cuttings and thruster).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 18:43
S1	450	drill and autonomous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 22:29
S2	32	S1 and "175"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 22:37
S3	15855	(drill auger) with (feet step stepper gripper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 22:37
S4	3873	S3 and "175"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 22:38
S6	7	S4 and inchworm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 22:38

## EAST Search History

S7	108	("3129776"   "3354969"   "3376942"   "3713500"   "3797589"   "3799277"   "3888319"   "3978930"   "4040494"   "4060141"   "4185704"   "4388974"   "4463814"   "4471843"   "4484641"   "4568145"   "4646856"   "4698028"   "4699454"   "4719977"   "4844516"   "4854397"   "5018583"   "5064268"   "5069297"   "5080175"   "5094870"   "5109921"   "5146982"   "5146984"   "5160925"   "5165491"   "5172765"   "5176180"   "5215151"   "5220963"   "5233522"   "5234058"   "5235285"   "5260662"   "5261462"   "5285008"   "5285204"   "5311952"   "5314032"   "5318138"   "5330807"   "5332048"   "5332049"   "5339036"   "5348096"   "5380385"   "5394951"   "5423389"   "5435867"   "5437899"   "5442294"   "5469916"   "5485889"   "5497707"   "5527220"   "5540870"   "5586084"   "5601025"   "5620056"   "5662020"   "5713422"   "5738178"   "5778992"   "5828003"   "5842149"   "5908049"   "5913337"   "5988702"   "Re28449").PN. OR ("6296066").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 22:39
S8	20	("3354969").URPN.	USPAT	OR	ON	2005/09/16 22:52
S9	9	("1028523"   "3151687"   "3354969"   "R024965").PN. OR ("3814192").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 22:56
S10	75	(175/51).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:09
S11	221	(175/26).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:58
S12	234	(175/27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:04
S13	260	(175/76).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:04
S14	93	(175/95).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:04

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S15	88	(175/97).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:04
S16	91	(drill bore) and inchworm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 23:17
S17	471	(405/138).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:19
S18	78	(299/1.3).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:20
S19	562	(299/31).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:21
S20	241	(299/58).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 23:23
S21	5	("1388545").URPN.	USPAT	OR	ON	2005/09/16 23:31
S22	16	("1303764"   "1388545"   "2945686"   "3307876"   "3382002"   "3467439"   "3493165"   "3506310").PN. OR ("3767263").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 23:32
S23	2	("1303764").URPN.	USPAT	OR	ON	2005/09/16 23:33
S24	16	("3321248" "3635108" "3707330" "402386 1" "4027210" "4506745" "5099927" "51334 18" "5156490" "5296915" "5361854" "5501 548" "5529437" "5938288" "6017095").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 23:58
S25	10	("3375885").URPN.	USPAT	OR	ON	2005/09/17 00:07
S26	2136	S10 S11 S12 S13 S14 S15 S17 S18 S19 S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 18:40
S27	22	S26 and mole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/17 00:11
S28	0	("2207536").URPN.	USPAT	OR	ON	2005/09/17 00:10

## EAST Search History

S29	11	S26 and (burrow burrowing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/17 00:11
S30	20	("3407884").URPN.	USPAT	OR	ON	2005/09/17 00:14
S31	6	(("4461360") or ("3123157")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/09 10:58